

Mark out copy

Form PTO 948 (Rev. 8-98)

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

Application No.

09/262204

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

COPY

The drawing(s) filed (insert date) 3/12/99 age:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:  
Black ink. Color.

- Color drawings are not acceptable until petition is granted.  
Fig(s) \_\_\_\_\_  
Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

2. PHOTOGRAPHS. 37 CFR 1.84 (b)  
1 full-tone set is required. Fig(s) \_\_\_\_\_  
Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) \_\_\_\_\_  
Poor quality (half-tone). Fig(s) \_\_\_\_\_

3. TYPE OF PAPER. 37 CFR 1.84(e)  
Paper not flexible, strong, white, and durable.  
Fig(s) \_\_\_\_\_  
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_  
Mylar, velum paper is not acceptable (too thin).  
Fig(s) \_\_\_\_\_

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  
21.0 cm by 29.7 cm (DIN size A4)  
21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
All drawing sheets not the same size.  
Sheet(s) \_\_\_\_\_  
Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm  
SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) \_\_\_\_\_

Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_  
Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2)

- Brackets needed to show figure as one entity.  
Fig(s) \_\_\_\_\_  
Views not labeled separately or properly.  
Fig(s) \_\_\_\_\_  
Enlarged view not labeled separately or properly.  
Fig(s) \_\_\_\_\_

7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)

- Hatching not indicated for sectional portions of an object.  
Fig(s) \_\_\_\_\_  
Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

- Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

9. SCALE. 37 CFR 1.84(k)

- Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.  
Fig(s) \_\_\_\_\_

10. CHARACTER OF LINES, NUMBERS, & LETTERS.  
37 CFR 1.84(i)

- Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).  
Fig(s) \_\_\_\_\_

11. SHADING. 37 CFR 1.84(m)

- Solid black areas pale. Fig(s) \_\_\_\_\_  
Solid black shading not permitted. Fig(s) \_\_\_\_\_  
Shade lines, pale, rough and blurred. Fig(s) \_\_\_\_\_

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.  
37 CFR 1.84(p)

- Numbers and reference characters not plain and legible.  
Fig(s) \_\_\_\_\_  
Figure legends are poor. Fig(s) \_\_\_\_\_  
Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)  
Fig(s) \_\_\_\_\_  
English alphabet not used. 37 CFR 1.84(p)(2)  
Figs \_\_\_\_\_  
Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  
Fig(s) \_\_\_\_\_

13. LEAD LINES. 37 CFR 1.84(q)

- Lead lines cross each other. Fig(s) \_\_\_\_\_  
Lead lines missing. Fig(s) \_\_\_\_\_

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)

- Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

- Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

16. CORRECTIONS. 37 CFR 1.84(w)

- Corrections not made from prior PTO-948 dated \_\_\_\_\_

17. DESIGN DRAWINGS. 37 CFR 1.152

- Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
Solid black shading not used for color contrast.  
Fig(s) \_\_\_\_\_

## COMMENTS

REVIEWER

QD

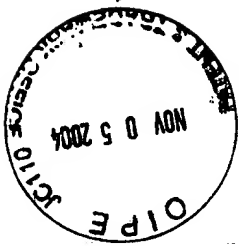
DATE

5/7/99

TELEPHONE NO.

ATTACHMENT TO PAPER NO.

5



COPY

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

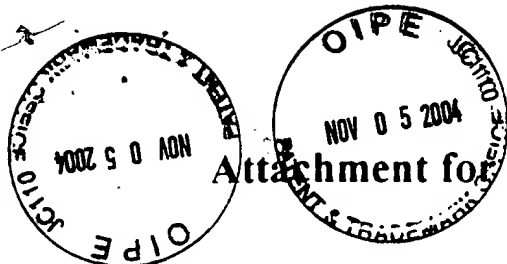
### 2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

### 3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.



Attachment for PTO-948 (Rev. 03/01, or earlier)  
6/18/01

COPY

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes **incorporated** therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

### 2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

#### Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.



PATENT  
Attorney Docket No. ICO-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Elsbree CONFIRMATION NO.: 6706  
SERIAL NO.: 09/267,204 GROUP NO.: 2126  
FILING DATE: March 12, 1999 EXAMINER: Ho, The T  
TITLE: PROCESS CONTROL

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 3<sup>rd</sup> day of November, 2004.

  
Lei Gu

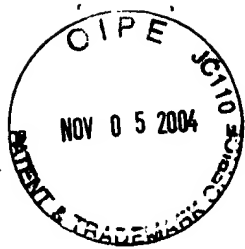
Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is/are:

1. PTOL-85 Fee(s) Transmittal (1 pg.);
2. Transmittal of Formal Drawings (1 pg.);
3. Response to Interview Summary (1 pg.);
4. Formal Drawings (15 Sheets);
5. Copy of Notice of Draftsperson's Patent Drawing Review Mailed 6/16/03 (3 pgs.);
6. Check in the amount of \$685.00; and
7. Return Receipt Postcard.

3136658



**PATENT**  
Atty. Docket No. ICO-001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Elsbree                      CONFIRMATION NO.: 6706  
SERIAL NO.: 09/267,204                  GROUP NO.: 2126  
FILING DATE: March 12, 1999          EXAMINER: Ho, The T  
TITLE: PROCESS CONTROL

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO INTERVIEW SUMMARY**

Sir:

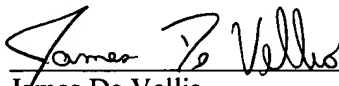
An Interview Summary was included with the Notice of Allowability. Applicant confirms that the substance of the interview indicated in the Interview Summary is correct.

Respectfully submitted,

Date: November, 3 2004  
Reg. No. 52,814

Tel. No.: (617) 310-8664  
Fax No.: (617) 248-7100

3118928

  
\_\_\_\_\_  
James De Vellis  
Attorney for the Applicant  
Testa, Hurwitz, & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110



PATENT  
Atty Docket No. ICO-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Elsbree                      CONFIRMATION NO.: 6706  
SERIAL NO.: 09/267,204                  GROUP NO.: 2126  
FILING DATE: March 12, 1999          EXAMINER: Ho, The T  
TITLE: PROCESS CONTROL

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

**TRANSMITTAL OF ISSUE FEE AND FORMAL DRAWINGS**

In response to the NOTICE OF ALLOWANCE AND ISSUE FEE DUE mailed on September 10, 2004, attached please find:

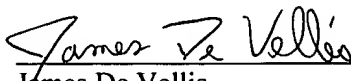
- (a) Issue Fee Transmittal (Form PTOL-85B); and
- (b) A check in the amount of \$685.00 for payment of Issue Fee.

Also attached are the formal drawings for this application (Number of Sheets – 15). Applicants request that the informal drawing in the above-identified application be replaced with the formal drawings submitted herewith. Applicants submit that no new matter is added.

Regards,

Date: November 3, 2004  
Reg. No. 52,814

Tel. No.: (617) 310-8664  
Fax No.: (617) 248-7100

  
James De Vellis  
Attorney for Applicants  
Testa, Hurwitz, & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110